

2101363-991200 (Fusion Proteins for Targeted Delivery of Antimicrobial Peptides).ST25.txt

SEQUENCE LISTING

<110> THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
WASHINGTON DENTAL SERVICE

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Morrison, Sherie
Trinh, Kham
Wims, Letitia
Chen, Li
Qi, Fengxia

<120> ANTI-MICROBIAL TARGETING CHIMERIC PHARMACEUTICAL

<130> 2101363-991200

<150> US 09/910,358
<151> 2001-07-19

<150> US 09/378,577
<151> 1999-08-20

<160> 31

<170> PatentIn version 3.1

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accactcgca cagaggatac tctggtggcg gtggctcggg cggaggtggg tcgggtggcg 120
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gccagactcc ggagaagagg ctggagtgaa tcgcatccat tagtagtggt ggtacttaca 180
cctactatcc agacagtgtg aaggccat tcaccatctc cagagacaat gccaagaaca 240
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<400> 2

Asp Ser His Ala Lys Arg His His Gly Tyr Lys Arg Lys Phe His Glu
1 5 10 15

Lys His His Ser His Arg Gly Tyr
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Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser
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Lys His His Ser His Arg Gly Tyr Ser Gly Gly Gly Ser Gly Gly
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Gly Gly Ser Gly Gly Gly Ser Asp Val Lys Leu Val Glu Ser Gly
35 40 45

Gly Gly Leu Val Asn Pro Gly Gly Ser Leu Lys Leu Ser Cys Ala Ala
50 55 60

Ser Gly Phe Thr Phe Ser Ser Tyr Thr Met Ser Trp Val Arg Gln Thr
65 70 75 80

Pro Glu Lys Arg Leu Glu Trp Val Ala Ser Ile Ser Ser Gly Gly Thr
85 90 95

Tyr Thr Tyr Tyr Pro Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg
100 105 110

Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Thr Ser Leu Lys Ser
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2101363-991200 (Fusion Proteins for Targeted Delivery of Antimicrobial Peptides).ST25.txt
115 120 125

Glu Asp Thr Ala Met Tyr Tyr Cys Ser Arg Asp Asp Gly Ser Tyr Gly
130 135 140

Ser Tyr Tyr Tyr Ala Met Asp Tyr Trp Gly Gln Gly Thr Ser Val Thr
145 150 155 160

Val Ser Ser Ala Ser
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gtggctcggg cggaggtggg tcgggtggcg gcggatccga cgtgaagctt gtggagtctg 180

ggggaggctt agtgaaccct ggagggtccc taaaactctc ctgtgcagcc tctggattca 240

ctttcagtag ctataccatg tcttgggttc gccagactcc ggagaagagg ctggagtg 300

tcgcatccat tagtagtggt ggtacttaca cctactatcc agacagtgtg aaggccgat 360

tcaccatctc cagagacaat gccaagaaca ccctgtacct gcaaattgacc agtctgaagt 420

ctgaggacac agccatgtat tactgttcaa gagatgacgg ctcctacggc tcctattact 480

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<223> Synthesized using sequential PCR techniques

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35 40 45

Lys Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr Thr Met
50 55 60

Ser Trp Val Arg Gln Thr Pro Glu Lys Arg Leu Glu Trp Val Ala Ser
65 70 75 80

Ile Ser Ser Gly Gly Thr Tyr Tyr Tyr Pro Asp Ser Val Lys Gly
85 90 95

Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln
100 105 110

Met Thr Ser Leu Lys Ser Glu Asp Thr Ala Met Tyr Tyr Cys Ser Arg
115 120 125

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<223> Primer 986

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aagcaccact cgcacagagg atac

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cggatccgac gtgaagcttg tggagtc

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cgcaagtac

69

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<223> Primer 991

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ggatatccac catggacttc gggttgagct tggtttcct tgccttact taaaagggtg 60

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Gly Arg

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Lys Asn Leu Arg Arg Ile Ile Arg Lys Gly Ile His Ile Ile Lys Lys
1 5 10 15

Tyr Gly

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Gly Gly Ser Gly Gly Thr Ser
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ggtggcacta gt 72

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<210> 28
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gggcagcccc gagaacaac 19

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